

IMPORTANT PRODUCT INFORMATION

READ THIS INFORMATION FIRST

Product: 6" Color TFT QuickPanel

QPKCTDE0000-A ABKCTDE0000/ABR-A

QPKCBDE0000-A ABKCTDE0000/DVN-A

QPKCGDE0000-A ABKCTDE0000/SER-A

ABKCTDE0000/ABD-A

This document contains information that is not available in any other publication; therefore, we recommend you save it for future reference. This document discusses the features of the 6" color TFT QuickPanel.

The 6" TFT color, 24Vdc QuickPanel model is now available with upgraded and modernized hardware. The new hardware supports Ethernet and CompactFlash. Full details are provided in the following sections.

Functional Compatibility

The new hardware platform requires QuickDesigner 3.7. QuickDesigner projects for the older 6" models, v2.4 and later, are compatible with QuickDesigner 3.7. Users must order the new model since availability of the previous generation product is limited.

Product Compatibility

The table below lists the discontinued catalog numbers and their replacements.

<i>Old Catalog Number</i>	<i>Replaced by (New Catalog Number)</i>	<i>6" Color TFT QuickPanel Products - Descriptions</i>
QPK3D200C2P	QPKCTDE0000	TCP Label, Ethernet, CF Card, 24VDC, UL, cUL, CE, UL1604
ABK3D200C2P/ABD	ABKCTDE0000/ABD	TCP Label, 24VDC, with AB DataHighway Plus, UL, cUL, CE, UL1604
ABK3D200C2P/ABR	ABKCTDE0000/ABR	TCP Label, 24VDC, with AB Remote I/O, UL, cUL, CE, UL1604
ABK3D200C2P/DVN	ABKCTDE0000/DVN	TCP Label, 24VDC, with DeviceNet, No Agency Approvals
ABK3D200C2P/SER	ABKCTDE0000/SER	TCP Label, 24VDC, with HMI-CAB-C52 & HMI-CAB-C83, UL, cUL, CE, UL1604
QPK3D200C2P/B	QPKCBDE0000	Blank Label, Ethernet, CF Card, 24VDC, UL, cUL, CE, UL1604
GQPK3D200C2P	QPKCGDE0000	GE Fanuc Label, Ethernet, CF Card, 24VDC, UL, cUL, CE, UL1604
GQPK3D200C2P/B	QPKCBDE0000	Blank Label, Ethernet, CF Card, 24VDC, UL, cUL, CE, UL1604
GABK3D200C2P/AD	ABKCTDE0000/ABD	TCP Label, 24VDC, with AB DataHighway Plus, UL, cUL, CE, UL1604
GABK3D200C2P/AR	ABKCTDE0000/ABR	TCP Label, 24VDC, with AB Remote I/O, UL, cUL, CE, UL1604
GABK3D200C2P/DN	ABKCTDE0000/DVN	TCP Label, 24VDC, with DeviceNet, No Agency Approvals
GABK3D200C2P/SE	ABKCTDE0000/SER	TCP Label, 24VDC, with HMI-CAB-C52 & HMI-CAB-C83, UL, cUL, CE, UL1604

New Features and Enhancements

The new 6" QuickPanel model is supported in QuickDesigner v3.7. The new model includes a 10Base-T Ethernet port for networked communications. This model comes with UL 508 Ordinary Locations, UL 1604 Hazardous Locations (Class 1, Div 2, Groups A, B, C, and D) and CAN/CSA-C22.2 agency approvals.

1. **Ethernet Connectivity:** A 10Base-T Ethernet port allows improved connectivity between QuickPanels (QPKCxDE0000), networks and PLCs. Applications can now be uploaded and downloaded faster using 10Base-T Ethernet connectivity. The following Ethernet drivers are supported under QuickDesigner 3.7: GE Fanuc's SRTP, GE Fanuc's EGD, Modicon's Modbus TCP/IP, and Allen Bradley's Ethernet IP (supporting communications to PLC5, SLC500, and ControlLogix PLCs)
2. **Increased Serial Baud Rates:** For communications between PLCs and QuickPanels, baud rates up to 115.2K bps are now supported for faster and more accurate response times. Additionally, applications can now be downloaded to a QuickPanel at 38.4K bps
3. **Transfer Application to/from Compact Flash:** The compact flash card allows for fast and easy offline upload and download of applications. This is convenient for small application modifications or for sharing applications with other users.
4. **Backlight Burnout Detection and Notification:** User defined tags allow the detection of backlight burnouts by registering a bit change status and communicating the status change to the PLC.

Product Documentation

Installation Instructions: GFK-2246

Software Documentation: Included with QuickDesigner 3.7 or later.